



2851

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TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

		Application Number	10/031,659
		Filing Date	November 13, 2001
		First Named Inventor	Tao et al.
		Art Unit	2851
		Examiner Name	Alan A. Mathews
Total Number of Pages in This Submission	1	Attorney Docket Number	29171/36823A

ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to Group
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Interview Summary Record
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks	
<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		

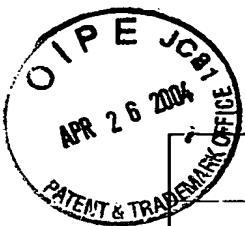
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	MARSHALL, GERSTEIN & BORUN LLP Carl E. Moore, Jr. - Reg. No. 26,487
Signature	
Date	April 22, 2004

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Dated: April 22, 2004

Signature: (Carl E. Moore, Jr.)



Moore

2851

AMENDMENT TRANSMITTAL LETTER

Docket No.
29171/36823AApplication No.
10/031,659-Conf. #6307Filing Date
November 13, 2001Examiner
Alan A. MathewsArt Unit
2851

Applicant(s): Nongjian Tao et al.

Invention: SURFACE PLASMON RESONANCE DETECTION
WITH HIGH ANGULAR RESOLUTION AND FAST RESPONSE TIME

TO THE COMMISSIONER FOR PATENTS

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	37	- 37 =	0	x 0.00	0.00
Independent Claims	3	- 3 =	0	x 0.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

 Large Entity Small Entity x No additional fee is required for this amendment. Please charge Deposit Account No. _____ in the amount of \$ _____.
A duplicate copy of this sheet is enclosed. A check in the amount of \$ _____ to cover the filing fee is enclosed. Payment by credit card. Form PTO-2038 is attached. The Director is hereby authorized to charge and credit Deposit Account No. 13-2855
as described below. A duplicate copy of this sheet is enclosed. x Credit any overpayment. x Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.

C E M -

Dated: April 22, 2004

Carl E. Moore, Jr.
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Dated: April 22, 2004

Signature: C E M - (Carl E. Moore, Jr.)



PATENT
29171/36823A

IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

In re Application of:

TAO et al.

Serial No.: 10/031,659

Filed: November 13, 2001

Title: SURFACE PLASMON
RESONANCE DETECTION WITH
HIGH ANGULAR RESOLUTION AND
FAST RESPONSE TIME

Group Art Unit: 2851

Examiner: Alan A. Mathews

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April 22, 2004

C E M -

Carl E. Moore, Jr.
Registration No. 26,487
Attorney for Applicants

INTERVIEW SUMMARY RECORD

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

On March 31, 2004, having ascertained that Examiner David Esplin was no longer with the U.S.P.T.O., Applicants' attorney, Carl E. Moore, Jr., conducted a telephonic interview with Examiner Alan A. Mathews. Newly proposed claims 40 and 41 were faxed to the Examiner and discussed. Proposed claim 40 combined the subject matter in original claims 1 and 4. Proposed claim 41 combined the subject matter in original claims 18 and 22. Applicants asserted that neither the prior art of Naya (U.S. Patent No. 5,875,032) nor Hoppe et al. (U.S. Patent No. 6,570,657) discloses positioning a photo-detector such that its differential signal is near zero and then detecting changes in the intensity distribution

corresponding to plasmon resonance angular shift. Applicants further asserted that neither Naya nor Hoppe discloses amplifying the differential signal, as recited by the proposed claims 40 and 41.

Examiner Mathews neither agreed nor disagreed with the proposed claims.

It was agreed that Applicants would set forth the arguments that were discussed with the proposed amendments in their written response to the Final Office Action of January 28, 2004.

Respectfully submitted,
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By:

C E M

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